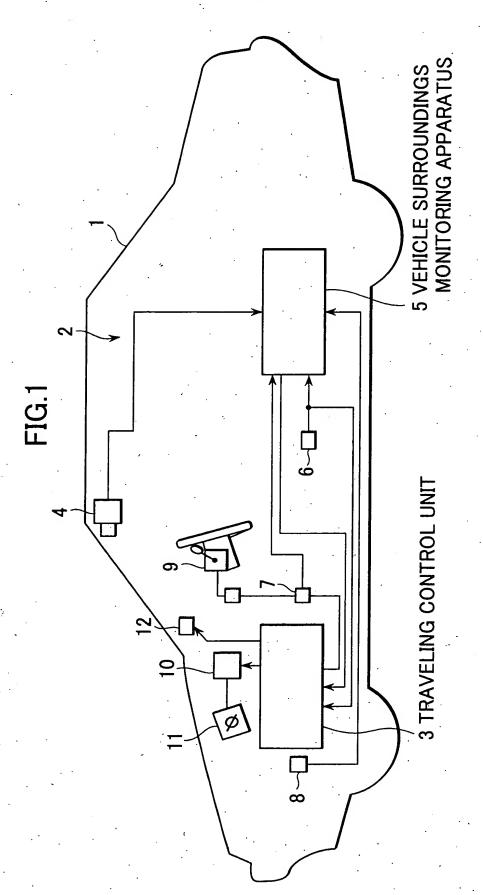
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FIG.2A

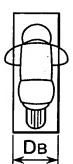


FIG.2B

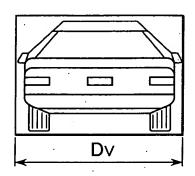
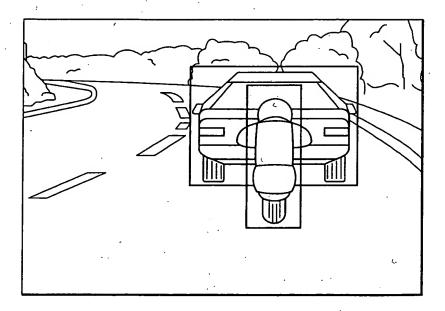


FIG.3



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FIG.4

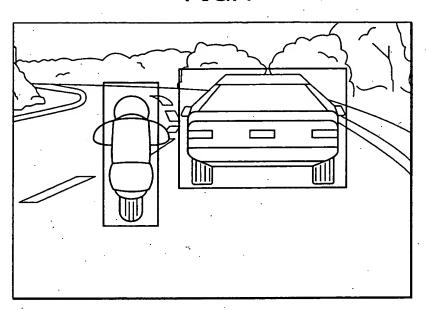
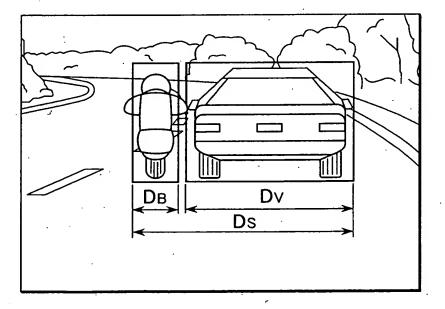


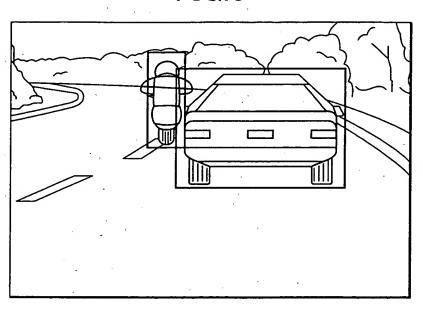
FIG.5



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FIG.6



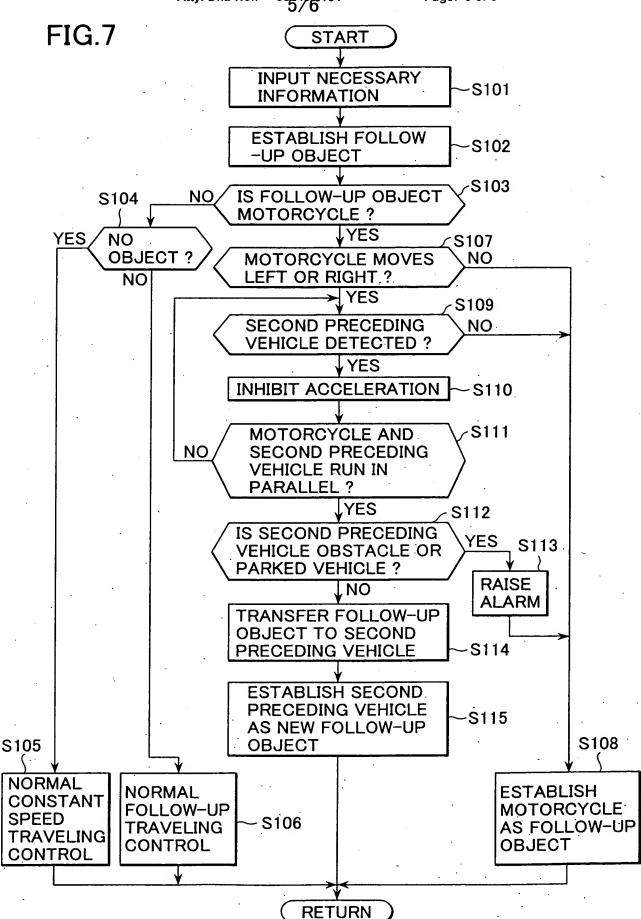
Inventor(s): Appl. No.: Title:

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Filing Date: Concu Atty. Dkt. No.: 03249

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Title: **Vehicle Drive Assist System** Filing Date: **Concurrent Herewith** Atty. Dkt. No.: 032405.164 Page: 6 of 6 6/6 FIG.8 **START** INPUT NECESSARY S101 INFORMATION ESTABLISH FOLLOW S102 -UP OBJECT -S103 NO IS FOLLOW-UP OBJECT S104 **MOTORCYCLE?** S107 **VYES** YES NO MOTORCYCLE MOVES NO **OBJECT?** LEFT OR RIGHT? NO **≯**YES S109 SECOND PRECEDING NO VEHICLE DETECTED ? **YES** INHIBIT ACCELERATION ·S110 MOTORCYCLE AND ·S111 NO SECOND PRECEDING VEHICLE RUN IN PARALLEL? S112 ∳YES IS SECOND PRECEDING YES S113 VEHICLE OBSTACLE OR PARKED VEHICLE? RAISE NO **ALARM** S201-MOTORCYCLE FASTER THAN SECOND ΝO PRECEDING VEHICLE? **↓** YES TRANSFER FOLLOW-UP OBJECT TO SECOND S114 PRECEDING VEHICLE ESTABLISH SECOND PRECEDING VEHICLE S105 S115 AS NEW FOLLOW-UP S108 OBJECT NORMAL CONSTANT NORMAL **ESTABLISH SPEED** FOLLOW-UP MOTORCYCLE S106 TRAVELING TRAVELING AS FOLLOW-UP CONTROL CONTROL **OBJECT** RETURN

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